Ufuk Yildiz

List of Publications by Year in Descending Order

45 papers	815 citations	17 h-index	27 g-index
45 ext. papers	955 ext. citations	4.4 avg, IF	4.73 L-index

#	Paper	IF	Citations
45	Synthesis of diosgenin derivatives by A and B ring modifications and low-valent titanium (Ti0)-catalysed McMurry coupling reactions and designing to create novel biological agents. *Journal of Molecular Structure*, **2022**, 1256, 132511	3.4	0
44	Preparation of hydrophobic macroinimer-based novel hybrid sorbents for efficient removal of organic liquids from wastewater. *Environmental Science and Pollution Research*, **2021**, 28, 22064-22076	5.1	0
43	Pickering stabilized nanocellulose-alginate: A diosgenin-mediated delivery of quinalizarin as a potent cyto-inhibitor in human lung/breast cancer cell lines. *Materials Science and Engineering C*, **2020**, 109, 110621	8.3	7
42	Genipin crosslinked gelatin-diosgenin-nanocellulose hydrogels for potential wound dressing and healing applications. *International Journal of Biological Macromolecules*, **2020**, 149, 651-663	7.9	48
41	Pyrocatechol Recovery from Aqueous Phase by Nanocellulose-Based Platelet-Shaped Gels: Response Surface Methodology and Artificial Neural Network Design Study. *Journal of Environmental Engineering, ASCE*, **2019**, 145, 04018140	2	4
40	Nature-derived fibrous nanomaterial toward biomedicine and environmental remediation: Today's state and future prospects. *Journal of Applied Polymer Science*, **2019**, 136, 47878	2.9	20
39	Diosgenin-conjugated PCL–mPEG polymeric nanoparticles for the co-delivery of anticancer drugs: design, optimization, in vitro drug release and evaluation of anticancer activity. *New Journal of Chemistry*, **2019**, 43, 6622-6635	3.6	9
38	Bioinspired modified nanocellulose adsorbent for enhanced boron recovery from aqueous media: Optimization, kinetics, thermodynamics and reusability study. *Journal of Environmental Chemical Engineering*, **2019**, 7, 103281	6.8	8
37	Composite latex production with high solid content. *Journal of Applied Polymer Science*, **2019**, 136, 47423	2.9	5
36	A design optimization study on synthesized nanocrystalline cellulose, evaluation and surface modification as a potential biomaterial for prospective biomedical applications. *International Journal of Biological Macromolecules*, **2018**, 114, 536-546	7.9	25
35	A novel reagent-assisted mechanochemical method for nickel recovery from lateritic ore. *Journal of Cleaner Production*, **2018**, 199, 616-632	10.3	23
34	Pickering emulsions stabilized nanocellulosic-based nanoparticles for coumarin and curcumin nanoencapsulations: In vitro release, anticancer and antimicrobial activities. *Carbohydrate Polymers*, **2018**, 201, 317-328	10.3	81
33	Novel macroporous cryogels with enhanced adsorption capability for the removal of Cu(II) ions from aqueous phase: Modelling, kinetics and recovery studies. *Journal of Environmental Chemical Engineering*, **2017**, 5, 1269-1280	6.8	15
32	A response surface modelling study for sorption of Cu2+, Ni2+, Zn2+ and Cd2+ using chemically modified poly(vinylpyrrolidone) and poly(vinylpyrrolidone-co-methylacrylate) hydrogels. *Adsorption Science and Technology*, **2017**, 35, 263-283	3.6	7
31	Fabrication and characterization of novel macroporous Jeffamine/diamino hexane cryogels for enhanced Cu(II) metal uptake: Optimization, isotherms, kinetics and thermodynamic studies. *Chemical Engineering Research and Design*, **2017**, 117, 122-138	5.5	18
30	Synthesis, characterization and swelling investigations of novel polyetheramine-based hydrogels. *Polymer Bulletin*, **2017**, 74, 873-893	2.4	6
29	A new Schiff base: Synthesis, characterization and optimization of metal ions-binding properties. *Separation Science and Technology*, **2016**, 51, 2138-2144	2.5	5

28	Synergistic removal of Cu(II) and nitrazine yellow dye using an eco-friendly chitosan-montmorillonite hydrogel: Optimization by response surface methodology. *Journal of Applied Polymer Science*, **2016**, 133,	2.9	45
27	Fabrication and characterization of soft macroporous Jeffamine cryogels as potential materials for tissue applications. *RSC Advances*, **2016**, 6, 111872-111881	3.7	14
26	Functionalized Hybrid Coatings on ABS Surfaces by PLD and Dip Coatings. *Journal of Inorganic and Organometallic Polymers and Materials*, **2016**, 26, 895-906	3.2	4
25	Tailoring polymer architectures with macromonomer azoinitiators. *Polymer Chemistry*, **2012**, 3, 1107	4.9	38
24	Preparation of Al, Ti, Zr-perfluoroheptanoate compounds and their use in ring opening polymerization. *Applied Catalysis A: General*, **2012**, 423-424, 205-210	5.1	14
23	Reversible aggregation of responsive polymer-stabilized colloids and the pH-dependent formation of porous scaffolds. *Soft Matter*, **2011**, 7, 7560	3.6	9
22	The removal of heavy metal ions from aqueous solutions by novel pH-sensitive hydrogels. *Journal of Hazardous Materials*, **2010**, 183, 521-32	12.8	71
21	Synthesis and characterization of new metal-free and metallophthalocyanines fused methylferrocenylmethoxy units. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2010**, 67, 377-383		9
20	Kinetics and colloidal parameters of miniemulsion polymerization of butyl acrylate. *Polymer International*, **2009**, 58, 1411-1421	3.3	5
19	Synthesis, characterization, aggregation and thermal properties of a novel polymeric metal-free phthalocyanine and its metal complexes. *Polyhedron*, **2009**, 28, 2268-2276	2.7	12
18	Synthesis and characterization of new monomeric and polymeric phthalocyanines. *Journal of Applied Polymer Science*, **2008**, 110, 2115-2126	2.9	9
17	Miniemulsion polymerization of styrene in the presence of macromonomeric initiators. *Polymer*, **2008**, 49, 4930-4934	3.9	24
16	Evaluation of the (Allyl alcohol 1,2-butoxylate-block-etoxylate)-b-PMMA Copolymers Composition by the Dielectric Measurements. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2007**, 44, 1121-1126	2.2	1
15	Synthesis and characterization of new polymeric phthalocyanines substituted with diaza-18-crown-6 macrocycles through ethyleneoxy bridges. *Polyhedron*, **2007**, 26, 617-625	2.7	24
14	Inverse microemulsion copolymerization of butyl acrylate and acrylamide: kinetics, colloidal parameters and some model applications. *Polymer International*, **2007**, 56, 364-370	3.3	7
13	Novel phthalocyanine polymers with very flexible pentathiatetraethylene units. *Polymer*, **2006**, 47, 8462-8473	3.9	28
12	On the role of hydrophilicity and hydrophobicity in aqueous heterophase polymerization. *Polymer*, **2005**, 46, 1003-1015	3.9	25
11	Redox polymerization of methyl methacrylate with allyl alcohol 1,2-butoxylate-block-ethoxylate initiated by Ce(IV)/HNO3 redox system. *European Polymer Journal*, **2005**, 41, 177-184	5.2	44

10	Novel Network Polymeric Phthalocyanines: Synthesis and Characterization. *Macromolecular Chemistry and Physics*, **2005**, 206, 2257-2268	2.6	24
9	The Fabrication of Very Small Miniemulsion Latexes from N-Stearoylglutamate and Lauryl Methacrylate: Evidence for Droplet Budding. *Macromolecular Chemistry and Physics*, **2003**, 204, 1966-1970	2.6	14
8	Microemulsion polymerization of styrene in the presence of macroinimer. *Polymer*, **2003**, 44, 2193-2200	3.9	25
7	Reactive Poly(ethylene glycol)s in Aqueous Radical Heterophase Polymerization. *Macromolecules*, **2003**, 36, 8638-8647	5.5	9
6	The dispersion polymerization of unsaturated monomers initiated by the macromonomeric initiator. *Macromolecular Symposia*, **2002**, 179, 297-304	0.8	2
5	Dispersion redox copolymerization of methyl methacrylate with macromonomeric azoinitiator as a macrocrosslinker. *Polymer*, **2000**, 41, 539-544	3.9	35
4	Dispersion polymerization of styrene and methyl methacrylate initiated by macromonomeric azoinitiator. *Angewandte Makromolekulare Chemie*, **1999**, 265, 16-19		7
3	Free radical crosslinking copolymerization. Gelation behavior of macromonomeric azoinitiators versus macrocrosslinkers. *Macromolecular Chemistry and Physics*, **1998**, 199, 163-168	2.6	16
2	Free radical crosslinking copolymerization. Gelation behavior of macromonomeric azoinitiators versus macrocrosslinkers. *Macromolecular Chemistry and Physics*, **1998**, 199, 163-168	2.6	7
1	Dispersion polymerization of styrene and methyl methacrylate initiated by poly(oxyethylene) macromonomeric azoinitiators. *Angewandte Makromolekulare Chemie*, **1995**, 231, 135-144		12